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International Conference on Case Histories in
Geotechnical Engineering

(2004) - Fifth International Conference on Case
Histories in Geotechnical Engineering

13 Apr 2004 - 17 Apr 2004

Conference Schedule

Multiple Authors

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Authors, Multiple, "Conference Schedule" (2004). *International Conference on Case Histories in Geotechnical Engineering*. 2.

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Fifth International Conference on Case Histories In Geotechnical Engineering New York, NY (USA) April 13-17, 2004

SCHEDULE (tentative)*

January 15, 2004

MONDAY, APRIL, 12, 2004

7:00 AM – 8:00 AM Registration – Short Course
8:00 AM – 6:00 PM Soil Dynamics in Engineering Practice Short Course

TUESDAY, APRIL 13, 2004

8:00 AM – 12:00 PM Short Course (Continued)

1:00 PM – 10:00 PM CONFERENCE REGISTRATION

4:00 PM – 6:00 PM Meeting of Organizing/Steering Committees
6:00 PM – 9:00 PM SET-UP POSTER – SESSION 1
 SET – UP EXHIBITIONS

WEDNESDAY, APRIL 14, 2004

7:00 AM – 5:00 PM REGISTRATION
7:00 AM – 8:20 AM Continental Breakfast
8:00 AM – 7:00 PM SPOUSES PROGRAM – Sally Prakash

8:30 AM – 9:00 AM Opening Ceremonies – Skytop Ballroom

Shamsher Prakash – Conference Chairman
University of Missouri – Rolla/Official
Russell Harmon – Army Office of Research/Nominee

9:00 AM – 9:45 AM Chairman:
 Ralph B. Peck – Keynote Lecture
 Vote of Thanks

 Thanks
 Announcements
9:45 AM – 3:30 PM **STATE OF THE ART AND
 PRACTICE LECTURES**

9:45 AM – 10:30 AM **SOAP 2** – Chairman: Vlad Perlea (KS)
 Speaker: John Burland (UK)
 Topic: The Leaning Tower of Pisa-Revisited

10:30 AM – 11:00 AM COFFEE BREAK
 VISIT POSTERS/EXHIBITIONS

11:00 AM – 11:45 AM **SOAP 4** – Chairman: *
 Speaker: Harry G. Poulos (Australia)
 Topic: Success and Failure in Predicting Pile Performance

11:45 AM – 12:15 PM **OSP 1** – Chairman: Braja M. Das (CA)
 Speaker: N. Miura (Japan) M.R. Madhav (India)
 Topic: Reclamations – Case Studies

12:15 PM – 1:30 PM LUNCH BREAK, VISIT
 POSTERS/EXHIBITIONS (VIDEOS)

***A PROGRAM TO HONOR PROFESSOR RALPH B. PECK ON HIS 91 – 92 BIRTHDAY WILL BE ADDED**

WEDNESDAY, APRIL 14, 2004 (Continued)

- 1:30 PM – 2:00 PM** **OSP 8** Chairman: Anton Chirica (Romania)
Speaker: Alan Powderham (UK)
Topic: The Observational Method – Learning From Projects
- 2:00 PM – 2:30 PM** **OSP 7** – Chairman: Azm S. Al-Homoud (UAE)
Speaker: D.S. “Sax” Saxena (FL)
Topic: Forensic Engineering in Applied Civil Engineering and Geo-Domain
- 2:30 PM – 3:15 PM** **SOAP 7** – Chairman: Frank Arland (NY)
Speaker: George J. Tamaro (NY)
Topic: The World Trade Center “Bathtub,” A Case History
- 3:15 PM – 3:45 PM** **OSP 4** – Chairman: *
Speaker: Mishac Yegian (MA)
Topic: Seismic Geotechnical Investigation of Bridges in New York City

3:45 PM – 4:15 PM

COFFEE BREAK, VISIT
POSTERS/EXHIBITONS (VIDEOS)

4:30 PM – 6:30 PM

SESSION 1 - *Case Histories of Shallow, Deep and other Foundations, including Soil Structure Interaction*

Chairman: Clyde N. Baker (IL)
Co-Chairman: Shailendra N. Endley (TX)
General Reporters: George E. Leventis (NY)
Co-General Reporters: Barry Lehane (Australia) Gianpiero Russo (Italy) Rolf Katzenbach (Germany) Madan B. Karkee (Japan) Marshall Lew (CA) Kazimierz Mohan Gwizdala (Poland) Kord J. Wissmann (VA) Michael R. Lewis (SC) Gregory L. Biesiadecki (NY) M. Alamgir (Bangladesh) Nien-Yin Chang (CO) Ahmed Syed Fiaz (Saudi Arabia) Katia Vanessa Bicalho (Brazil)
Official Discussers:

4:30 PM – 4:35 PM

Chairman opens the Session

4:35 PM – 4:55 PM

OSP 16 Speaker: George E. Leventis (NY)
Topic: RION – Antirion Bridge Foundations: A Blend of Design and Construction Innovation

4:55 PM – 5:10 PM

OSP 18 Speaker: Rolf Katzenbach (Germany)
Topic: Case Histories and New Developments in the Foundation of High-Rise Buildings in Soft Frankfurt Clay

5:10 PM – 5:40 PM

Presentation of General Report

5:40 PM – 6:25 PM

Discussion from floor/Replies from authors

6:25 PM – 6:30 PM

Closure by the Co-Chairman

6:30 PM – 8:30 PM

CASH BAR/RECEPTION

7:30 PM – 10:00 PM

TECHNICAL COMMITTEE MEETING

- a) EQENG&SOILDYN (GI)
- b) COUNTRY DELEGATE
- c) OTHERS

THURSDAY, APRIL 15, 2004

8:00 AM – 5:00 PM	REGISTRATION (Continued)
7:00 AM – 8:00 AM	Continental Breakfast
7:00 AM – 6:00PM	SPOUSES PROGRAM – Sally Prakash
8:00 AM – 12:00 AM	TECHNICAL PROGRAM
8:00 AM – 8:45 AM	SOAP 9 Chairman: * Speaker: James K. Mitchell (VA) Topic: Environmental Geotechnics: Two Case Histories
8:45 AM – 9:15 AM	OSP 6 –Chairman:* Speaker: Ray Sandiford (NJ) Topic: Restoration of PATH Service to Lower Manhattan
9:15 AM –10:00 AM	SPECIAL SESSION TO HONOR RALPH B. PECK - ENGINEER, MENTOR AND MAN OF JUDGEMENT Chairman: Shamsheer Prakash (Rolla, MO) Co-Chairman: W. D. Liam Finn (Japan/Canada) Speaker 1: Early Life Speaker 2: At University of Illinois Speaker 3: Chicago, Washington D.C. and other Underground Works Speaker 4: Presidency of ISSMGE and other Honors Ralph B. Peck

10:00 AM – 10:45 AM	COFFEE BREAK, VISIT POSTERS/EXHIBITIONS (VIDEOS)
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10:45 AM – 12:00 PM	SESSION 11 Chairman: * Co-Chairman: * General Reporters: Subal Sarkar (NY) Co-General Reporters: * Official Discussers: C.C. Chang (NY) Joel L. Volterra (NY)
10:45 AM – 10:50AM	Chairman – Opens the Session
10:50 AM – 11:10AM	General Reporter – Presentation of General Report
11:10 AM – 11:55AM	Discussions from the floor/Replies from authors
11:55 AM – 12:00 PM	Closure by the Chairman

12:00 AM– 1:00 PM	LUNCH BREAK, VISIT POSTERS/EXHIBITIONS (VIDEOS)
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THURSDAY, APRIL 15, 2004 (Continued)

1:00 PM – 2:45 PM Concurrent Sessions

SESSION 2 *Case Histories of Slopes, Dams and Embankments*

Chairman: Robin Chowdhary (Australia)
Co-Chairman: Donald G. Anderson (WA)
General Reporter: Pedro S. Seco e Pinto (Portugal)
Co-General Reporters: David E. Jones (UK) Marinos Skempas (Greece) Johannes Giere (Germany) V.S. Pillai (Canada) Ali M. Oskoorouchi (CA) Mahavir Bidasaria (India) David M. Dailer (OR)
Official Discussers: Stanislav Lenart (Slovenia)

1:00 PM – 1:05PM Chairman opens the Session
1:05 PM – 1:25 PM **OSP 17:** Speaker: V.S. Pillai (Canada) B. Muhunthan (WA)
Topic: The Failure of Teton Dam: A New Theory Based on “State Based Soil Mechanics”
1:25 PM – 1:55 PM General Reporter –
Presentation of General Report
1:55 PM – 2:40 PM Discussions from the
floor/Replies from authors
2:40 PM – 2:45 PM Closure by the Chairman

SESSION 7 *Case Histories of Forensic Engineering, Where Things Went Wrong*

Chairman: Marvin Specter (NY)
Co-Chairman: V.V.S. Rao (India)
General Reporter:
Frank J. Kenton (CA)
Co-General Reporters:
Robert M. Semple (NY)
Official Discussers: *

1:00 PM – 1:05 PM Chairman opens the Session
1:05 PM – 1:30PM General Report
1:30 PM – 2:40 PM Discussion from the
floor/Replies from authors
2:40 PM – 2:45 PM Closure by the Co-Chairman

2:45 PM – 3:15 PM COFFEE BREAK, VISIT
POSTERS/EXHIBITIONS
(VIDEOS)

3:15 PM – 3:45 PM **OSP 3** – Chairman: Andre Koelewijn (Netherlands)
Speaker: J. David Rogers/Ronaldo Luna (MO)
Topic: GIS and Case Histories
3:45 PM – 4:15 PM **OSP 5** Chairman: P.K. Sikdar (India)
Speaker: Frank Rausche (FL)
Topic: Non-Destructive Evaluation of Deep Foundations

4:15 PM – 5:30 PM **SESSION 10** *Case Histories of Health Monitoring and Retrofit of Bridges, Tunnels, and other Transportation and Geotechnical Structures*

Chairman: Holger Netzel (Netherlands)
Co-Chairman: Luigi Narduzzo (Canada)
General Reporter: Nenad Gucunski (NJ)
Co-General Reporter: Andre P. Assis (Brazil)
Official Discussers: *
4:15 PM – 4:20 PM Chairman opens the Session
4:20 PM – 4:45 PM General Report
4:45 PM – 5:25 PM Discussion from the floor/Replies from authors
5:25 PM – 5:30 PM Closure by the Co-Chairman

5:30 PM – 7:00 PM DINNER BREAK

THURSDAY, APRIL 15, 2004 (Continued)

7:00 – PM – 8:30 PM		Concurrent Sessions 8,9	
Skytop Ballroom		Madison Room	
SESSION 8 <i>Case Histories of Soil Property Improvement, Use of Lightweight Materials, and Geotechnical and Hydrological Management and Remediation of Solid, Hazardous and Low-Level Radioactive Wastes, including Liner Cover Systems and Landfill Closure for Brownfield Development</i>		SESSION 9 <i>Case Histories of Non-Destructive Evaluation and Load Testing of Drilled Shafts, Auger Cast Piles and Driven Piles</i>	
Chairman: Bomi Ghadiali (CA) Co-Chairman: R.K. Katti (India) General Reporter: Dimitris Dermatas (NJ) Co-General Reporters: Mary P. Perlea (MO) Christophe Dano (France) Raj Rajaram (IL) David S. Young (CA) D.L. Shah (India) Official Discussers: *		Chairman: * Co-Chairman: * General Reporter: Kenneth R. Bell (MD) Co-General Reporter: Andrew G. Cushing (PA) Official Discussers: Jan Cermak (NY)	
7:00 PM – 7:05 PM	Chairman opens the Session	7:00 PM – 7:05 PM	Chairman opens the Session
7:05 PM – 7:35 PM	Presentation of the General Report	7:05 PM – 7:35 PM	Presentation of the General Report
7:35 PM – 8:25 PM	Discussions from the floor	7:35 PM – 8:25 PM	Discussions from the floor
8:25 PM – 8:30 PM	Closure by the Co-Chairman	8:25 PM – 8:30 PM	Closure by the Co-Chairman
5:00 PM – 8:00 PM		REMOVE POSTERS - SESSION 1 DISPLAY POSTERS – SESSION 2	

FRIDAY, APRIL 16, 2004

7:00 AM – 8:00 AM Continental Breakfast

8:00 AM – 5:00 PM REGISTRATION
(continued)

7:00 AM – 6:00 PM SPOUSES PROGRAM – Sally Prakash

8:00 AM – 9:30 AM Concurrent Sessions 5,6	
Skytop Ballroom	Madison Room
SESSION 5 <i>Case Histories of Retaining Structures and Deep Excavations</i> Chairman: Eyjolfur Arni Rafnsson (Iceland) Co-Chairman: Stavros A. Savidis (Germany) General Reporter: Jamshid Ghaboussi (IL) Co-General Reporters: Bob Alperstein (NY) J.N.Mandal (India) S.R. Gandhi (India) Sanjeev Kumar (IL) Storer J. Boone (Canada) Alex Wu (KS) Ken Fishman (NY) Official Discussers: Janko Logar (Slovenia) So-ngo Clifford Teme (Nigeria) Dimitrios C. Konstantakos (NY) J. Matos e Silva (Portugal)	SESSION 6 <i>Case Histories of Geological, Rock and Mining Engineering, including Underground Structures and Deep Foundations</i> Chairman: Hugh Lacy (NY) Co-Chairman: General Reporter: Brian C. Dorwart (NY) Co-General Reporters: Edward A. Button (Austria) Gregory R. Fischer (CO) Official Discussers: *
8: 00 AM – 8:05 AM Chairman opens the Session 8:05 AM – 8:35 AM Presentation of the General Report 8:35 AM – 9:25 AM Discussions from the floor/Replies from authors 9:25 AM – 9:30 AM Closure by the Co-Chairman	8: 00 AM – 8:05 AM Chairman opens the Session 8:05 AM – 8:35 AM Presentation of the General Report 8:35 AM – 9:25 AM Discussions from the floor/Replies from Authors 9:25 AM – 9:30 AM Closure by the Co-Chairman
9:30 AM – 10:00 AM Presentation of Shamsheer Prakash Awards and Prizes Skytop Ballroom Master of Ceremonies, W.D. Liam Finn (Japan) and Scott Steedman (UK) (Past, present and future recipients) 2002 Research 2003 Research 2002 Practice 2003 Practice (Please sign up at the Registration desk)	
10:00 AM – 10:30 AM COFFEE BREAK, VISIT POSTERS/EXHIBITIONS	

10:30 AM – 11:00 AM **OSP 2** Chairman: V. K. Puri (Carbondale, IL)

Speaker: Sissy Nikolaou (NY)

Topic: Local Geology of New York and its Effect on Seismic Ground Motions

11:00 – 11:45 AM **SOAP 1** Chairman*

Speaker: W. D. Liam Finn (Japan/Canada)

Topic: Behavior of Piles in Liquefiable Soils during Earthquakes: Analysis and Design Issues

11:45 AM – 12:30 PM **SOAP 5** Chairman: Jost Studer (Switzerland)

Speaker: Kenji Ishihara (Japan)

Topic: Case Studies of Pile Foundations Undergoing Lateral Spreading in Liquefied Deposits Soils

FRIDAY, APRIL 16, 2004 (Continued)

12:30 PM – 1:30 PM	LUNCH BREAK, POSTERS/EXHIBITION
1:30 PM – 3:30 PM	SESSION 12 (Part 1) <i>Recent Earthquake Reports</i> Chairman: I.M. Idriss (CA) Co-Chairman: Ricardo Dobry (NY)
1:30 PM – 1:35 PM	Chairman opens the Session
1:35 PM – 1:55 PM	OSP 14 Speaker: George Mylonakis (NY) Topic: <i>The Collapse of Fukae (Hanshin Expressway) Bridge, Kobe, 1995: The role of soil and soil-structure interaction</i>
1:55 PM – 2:15 PM	OSP 12 Speaker: V.K. Mathur (India) Topic: Microzonation Studies for Delhi, Jabalpur & Dehradun as Impacted by Bhuj Earthquake
2:15 PM – 2:35 PM	OSP 15 Speaker: Susumu Iai (Japan) Topic: 2003 Tokyo Earthquakes
2:35 PM – 2:55 PM	OSP 11 Speaker: Abdeldjelil Belarbi (MO) Topic: Preliminary Observations of Geotechnical Failures During the 21 May 2003 M 6.8 Boumerdes, Earthquake, Algeria
2:55 PM – 3:15 PM	OSP 9 Speaker: J.P. Singh (CA) Topic: Liquefaction Mitigation in Alaska (2003) Earthquake
3:15 PM – 3:35 PM	OSP 10 Speaker: Miguel P. Romo (Mexico) Topic: Three Recent Damaging Earthquakes in Mexico
3:35 PM – 3:50 PM	OSP 13 Speaker: George Gazetas (Greece) Topic: The 2003 LEFKADA (Greece) Earthquake
3:50 PM – 3:55 PM	Special remarks by Chairman
3:55 PM – 4:00 PM	Closure by the Co-Chairman
4:00 PM – 4:30	COFFEE BREAK, VISIT POSTERS/EXHIBITIONS (VIDEOS)

FRIDAY, APRIL 16, 2004 (Continued)

4:30 PM – 6:30 PM	SESSION 4 <i>Case Histories of Engineering Vibrations</i> Chairman: V.A. Ilyichev (Russia) Co-Chairman: Richard D. Woods (MI) General Reporter: George Manyando (OK) and Hoe I. Ling (NY) Co-General Reporters: Salah Sadek (NY) Anders Bodare (Sweden) Official Discussers: Geert Degrande (Belgium) Samuel Ejezie (Nigeria)
4:30 PM – 4:35 PM	Chairman opens the Session
4:35 PM – 5:00 PM	Presentation of General Report
5:00 PM – 6:25 PM	Discussion from floor/Replies from authors
6:25 PM – 6:30 PM	Closure by Co-Chairman

6:30 PM – 7:30 PM	CASH BAR
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7:30 PM – 10: 00 PM	BANQUET – Skytop Ballroom
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SATURDAY, APRIL 17, 2004

8:00 AM – 10:00 PM
7:00 AM – 8:00 AM
7:00 AM – 1:00 PM
8:00 AM – 8:45 AM

REGISTRATION (Continued)

Continental Breakfast

SPOUSES PROGRAM- Sally Prakash

SOAP 11 Chairman: *

Speaker: George Gazetas (Greece)

Topic: Case Histories – Seismic Uplifting of Foundations on Soft Soils- Izmit 1999 Earthquake

8:45 AM – 10:00 AM

SESSION 12 – Part 2 *Geotechnical Aspects of Recent Earthquakes*

Chairman: Robert Kayen (CA)

Co-Chairman: Ahmed Elgamal (CA)

General Reporter: Atilla Ansal (Turkey)

Co-General Reporters: Fusao Oka (Japan) Kyle M. Rollins (UT)

Official Discussers: Joseph Wartman (PA) S. Suresh Babu (India)

8:45 AM - 8:50 AM
8:50 AM – 9:10 AM
9:10 AM – 9:55 AM
9:55 AM – 10:00AM

Chairman opens the Session

General Reporter – Presentation of General Report

Discussions from the floor/Replies from author

Closure by the Co-Chairman

10:00 AM – 10:30AM

COFFEE BREAK, VISIT POSTERS/EXHIBITIONS

10:30 AM – 12:30 PM

SESSION 3 *Case Histories of Geotechnical Earthquake Engineering and Natural Disasters, including Debris and Mud Flows and Lessons Learned from Loma Prieta 1989, Petrolia 1992, Northridge 1994, Kobe 1995, Turkey 1999, Chi-Chi 1999, Greece 1999, Bhuj India 2001 and other recent Earthquakes*

Chairman: K. Rainer Massarsch (Sweden)

Co-Chairman: Diego Carlo Lo Presti (Italy)

General Reporter: Scott Steedman (UK)

Go-General Reporters: Gopal Madabhushi (UK) Neven Matasovic (CA)

Elizabeth Hausler (CA) Filippo Ciuffi (Italy) Jacques N. Harb (Lebanon)

Indra Prakash (India) Gloria Estrada (Colombia)

Official Discussers: *

Chairman opens the Session

Presentation of General Report

Discussions from the floor/Replies from authors

Closure by the Co-Chairman

10:30 AM – 10:35 AM
10:35 AM – 11:05 AM
11:05 AM – 12:25 PM
12:25 PM – 12:30 PM

12:30 PM – 1:00 PM

CONCLUDING SESSION AND ADJOURNMENT

Chairman – Shamsheer Prakash

Report of the Organizing Committee

Comments from the floor

Resolutions

1:00 PM

ADJOURN

REMOVE POSTER/EXHIBITONS